

FIG. 1

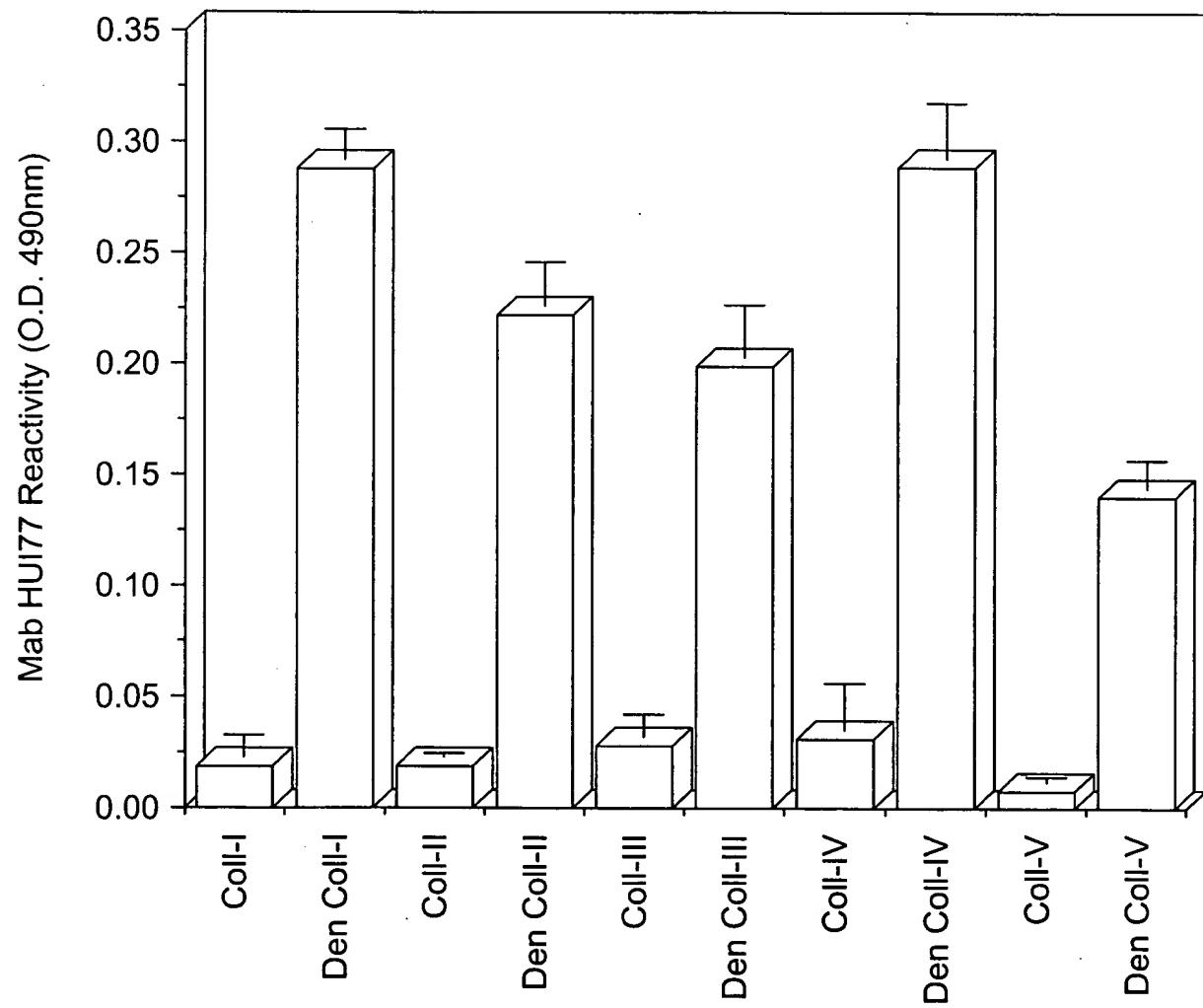


FIG. 2



00100.0001
Exp. Mail Lab. EV 827370151 US
Sheet 3 of 34

Human Melanoma (Biopsy) Human Melanoma (Human / SCID Mouse Chimera)

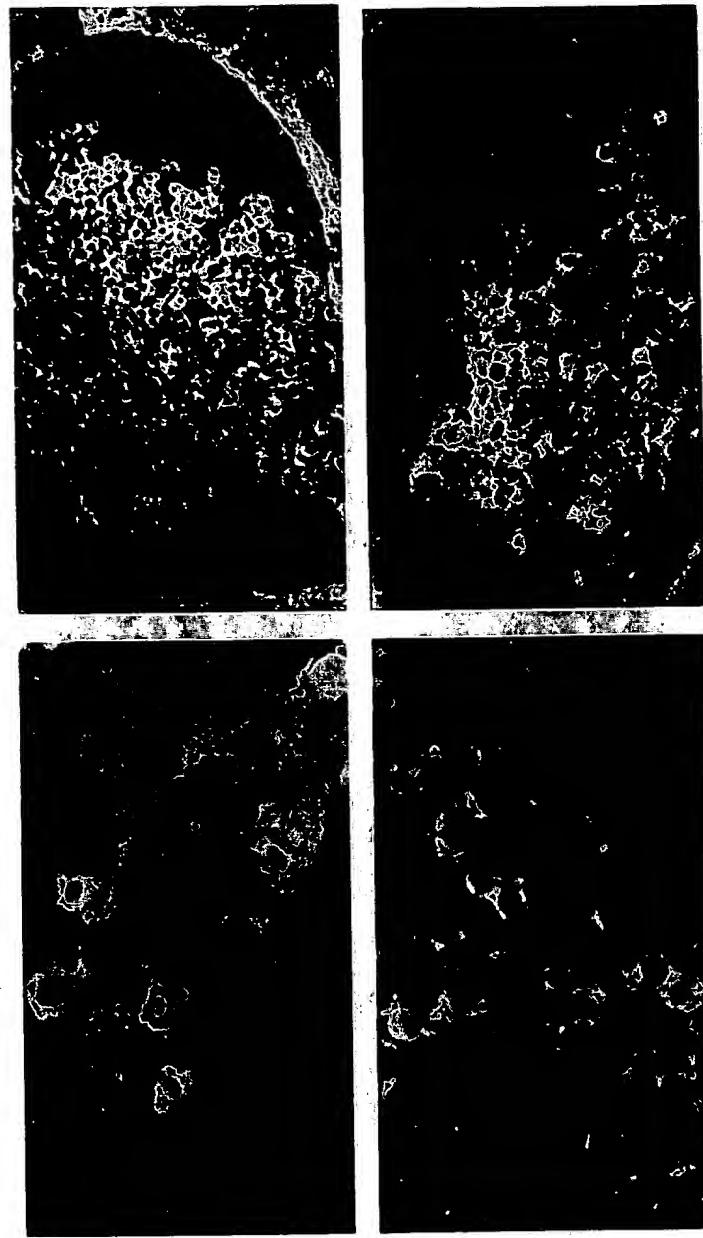


FIG. 3



U.S. POSTAGE
Exp. Mail Lab. EV 827370151 US
Sheet 4 of 34

Human Melanoma Biopsy

Anti-Factor VIII
(Polyclonal Ab)

Anti-Denatured Collagen
(Monoclonal Ab HUI77)

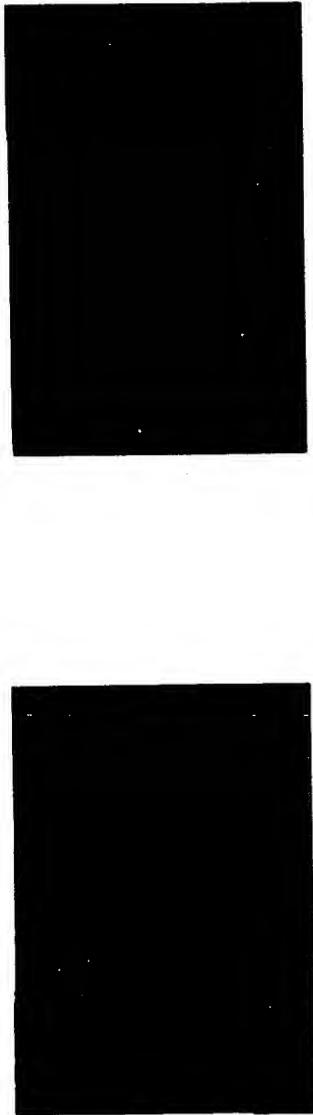


FIG. 4

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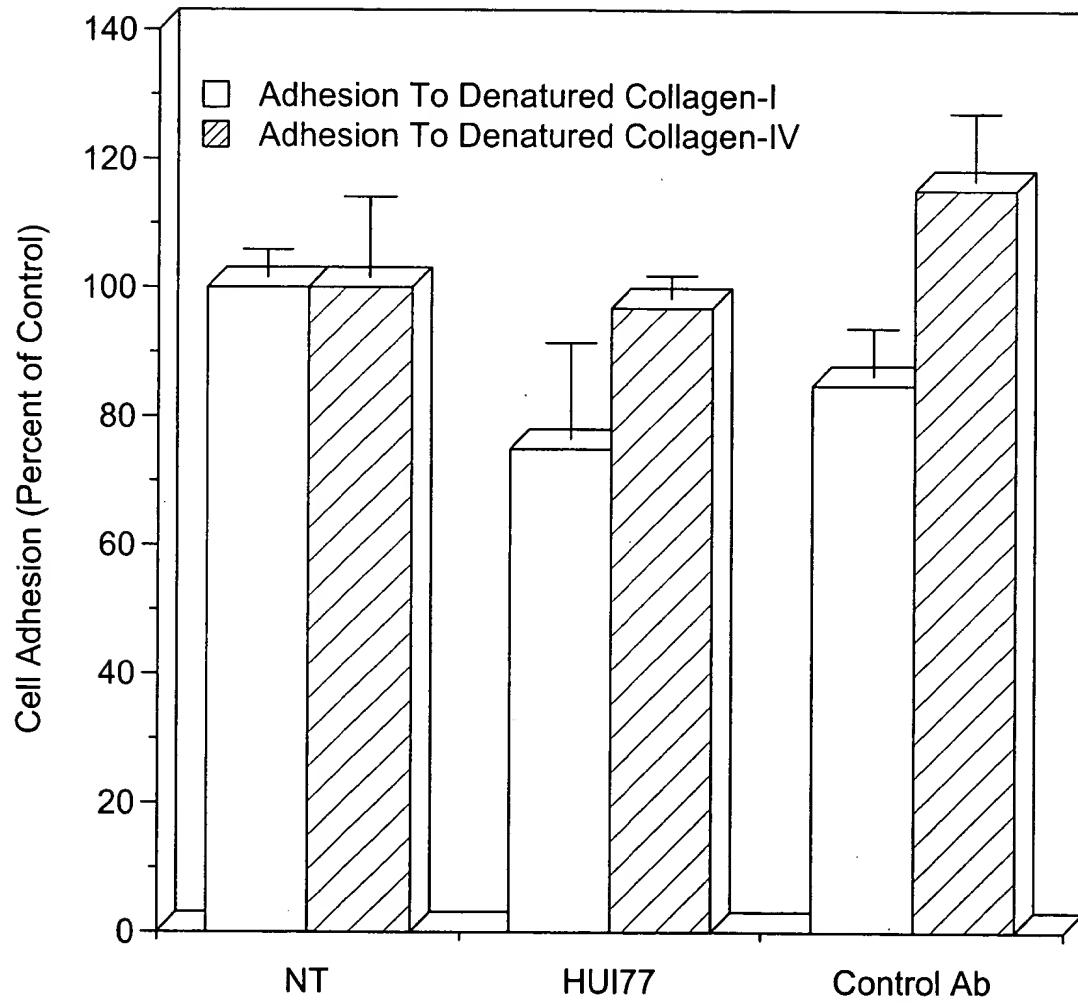


FIG. 5

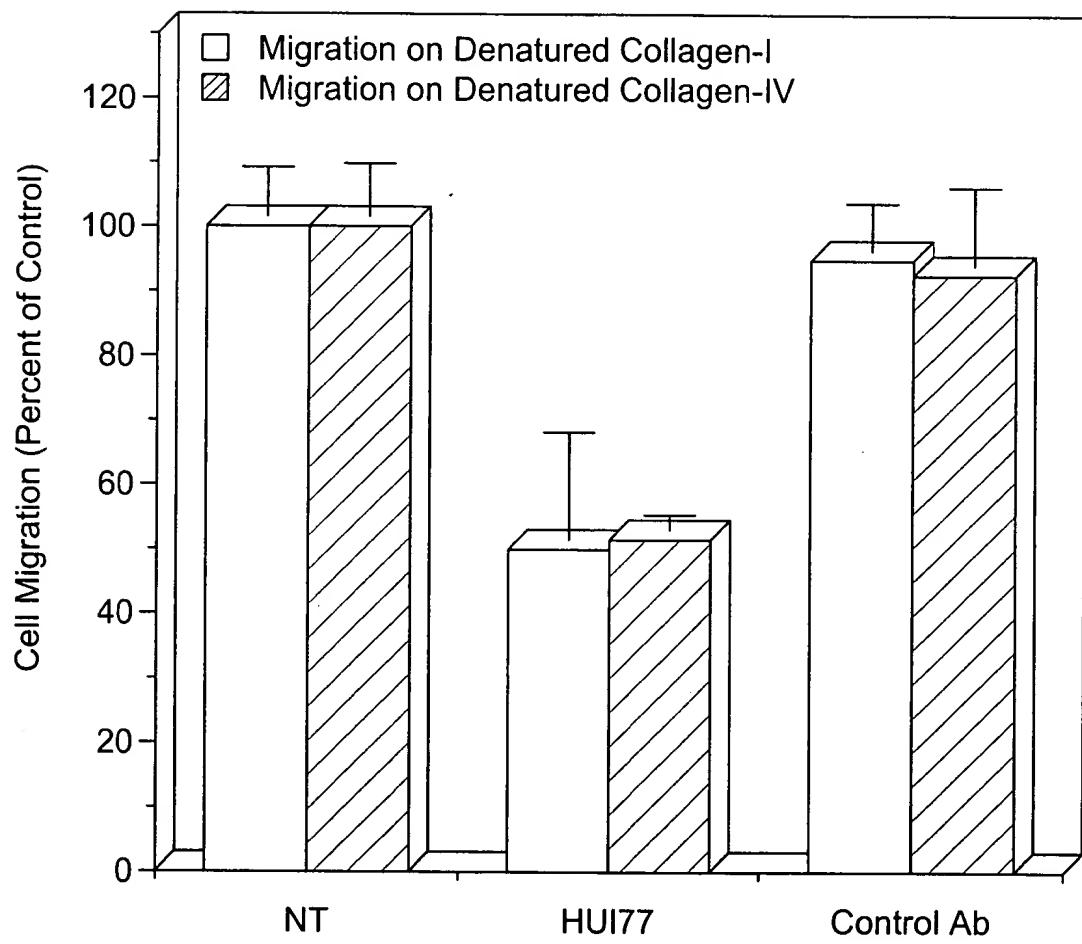
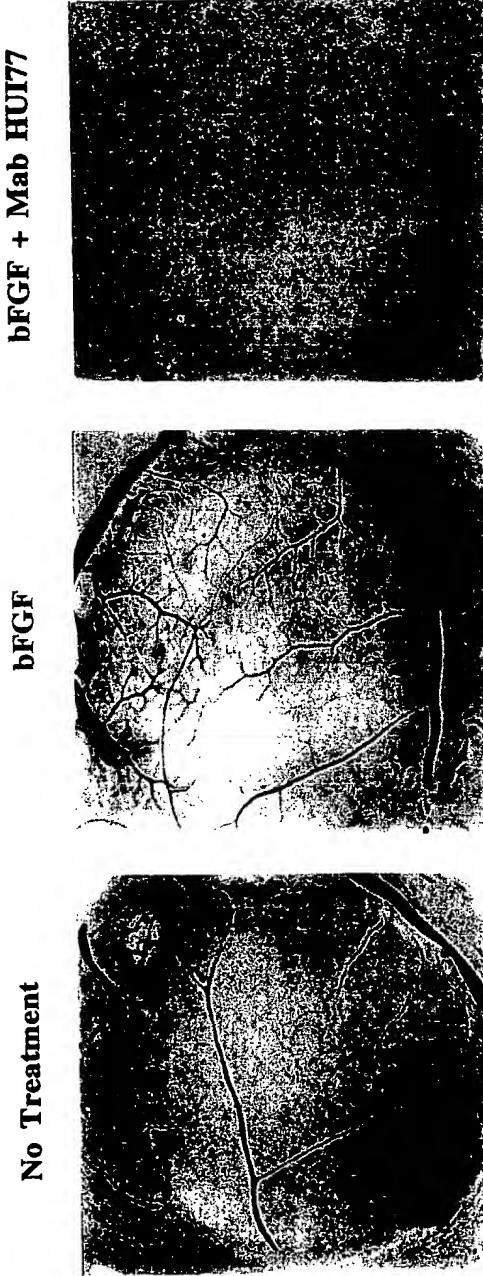


FIG. 6

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Chick CAM Angiogenesis Assay



Effects of Mab HU177 on Angiogenesis In Vivo.
Filter discs with or without 1.0 ug / ml of bFGF were place on the chorioallantoic membrane (CAM) of 10 day old chick embryos. Twenty four hours latter, the embryos received a single intravascular injection of Mab HU177 or control Mab. Embryos were allowed to incubate for a total of 3 days at which time they were sacrificed and the filter discs and surrounding CAM tissue was removed and analyzed. Photographs of representative CAM tissues.

FIG. 7

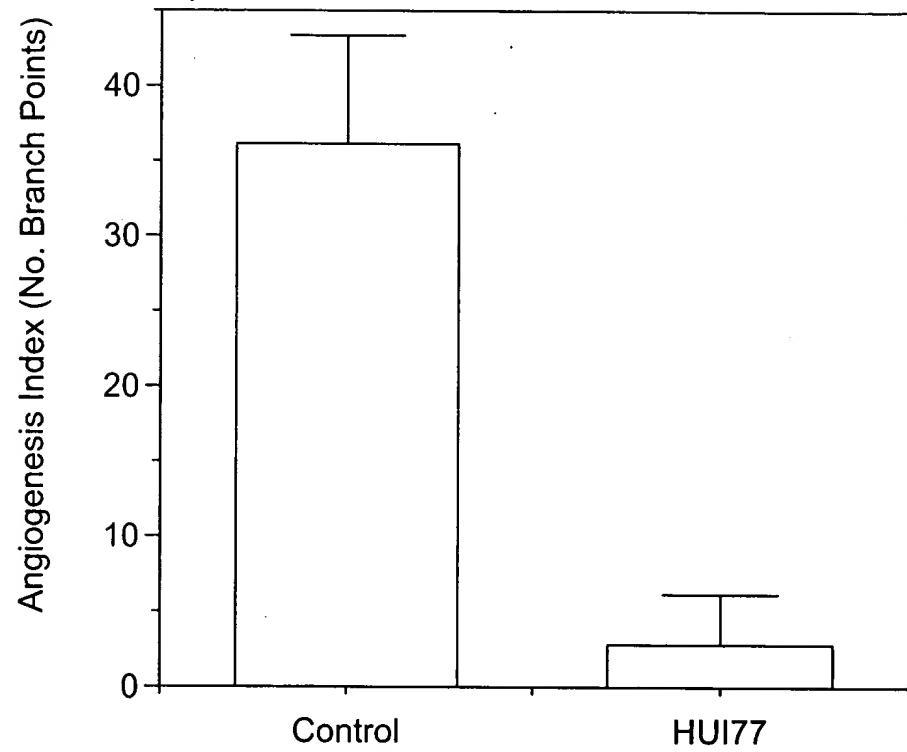


FIG. 8



CS-1 Melanoma Tumor Assay

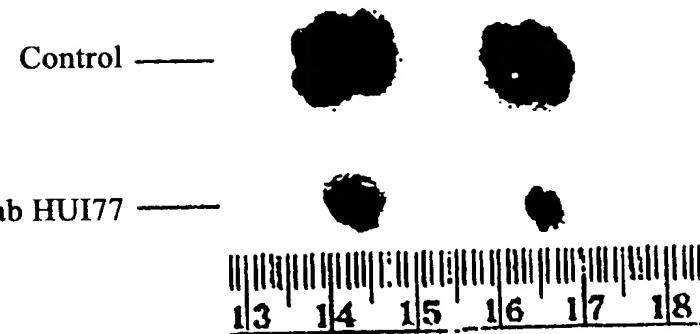


FIG. 9



CS-1 Melanoma Tumor Growth

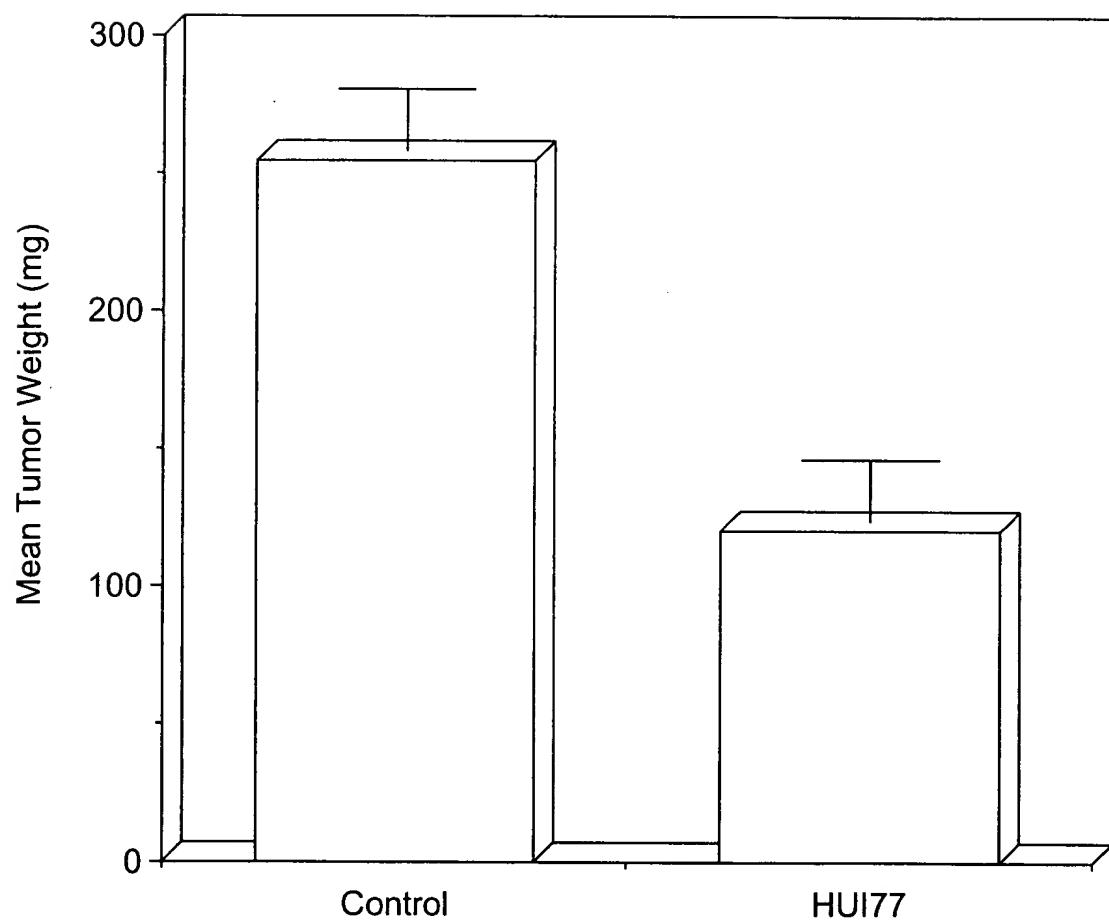


FIG. 10

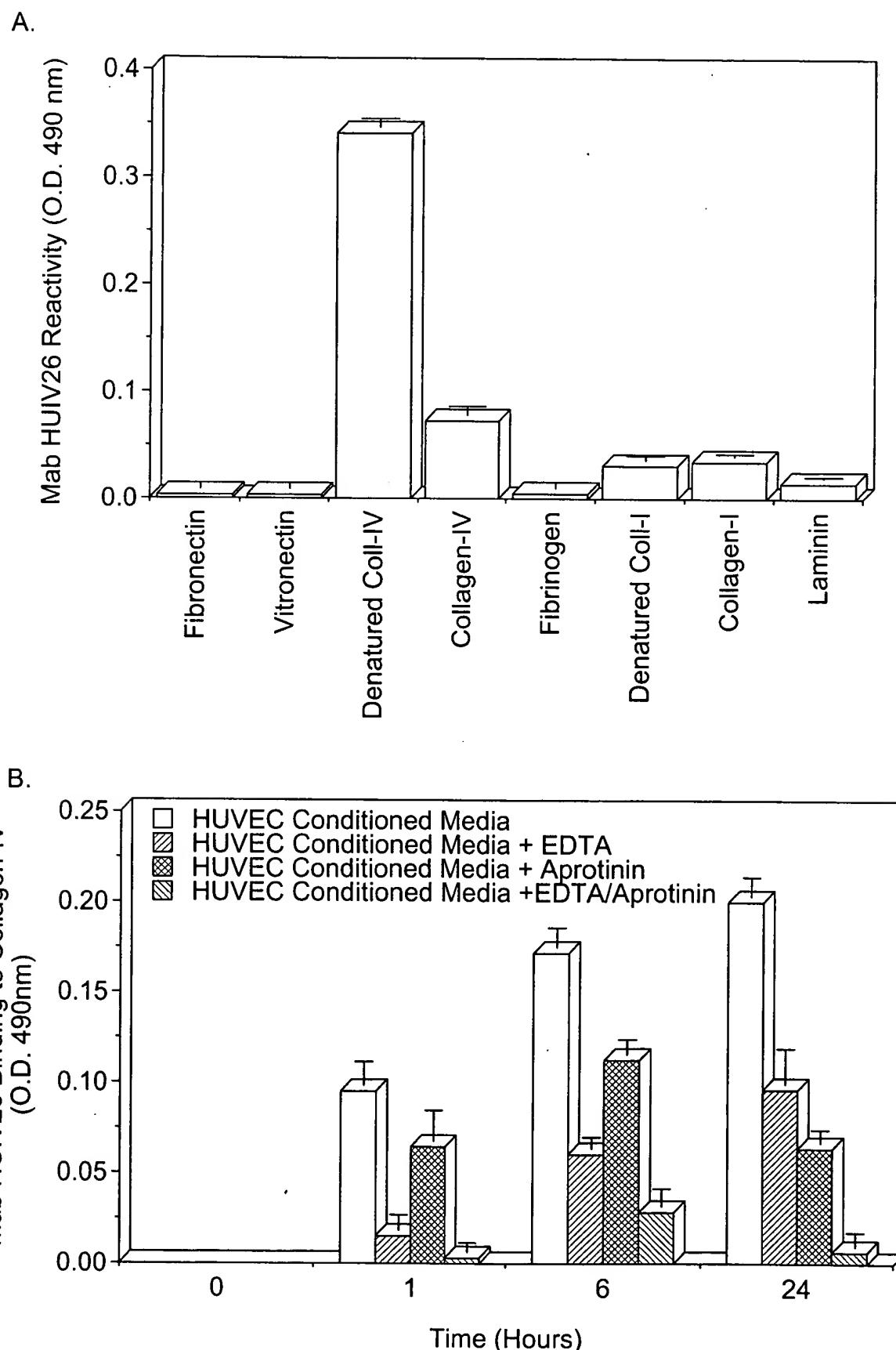


FIG. 11

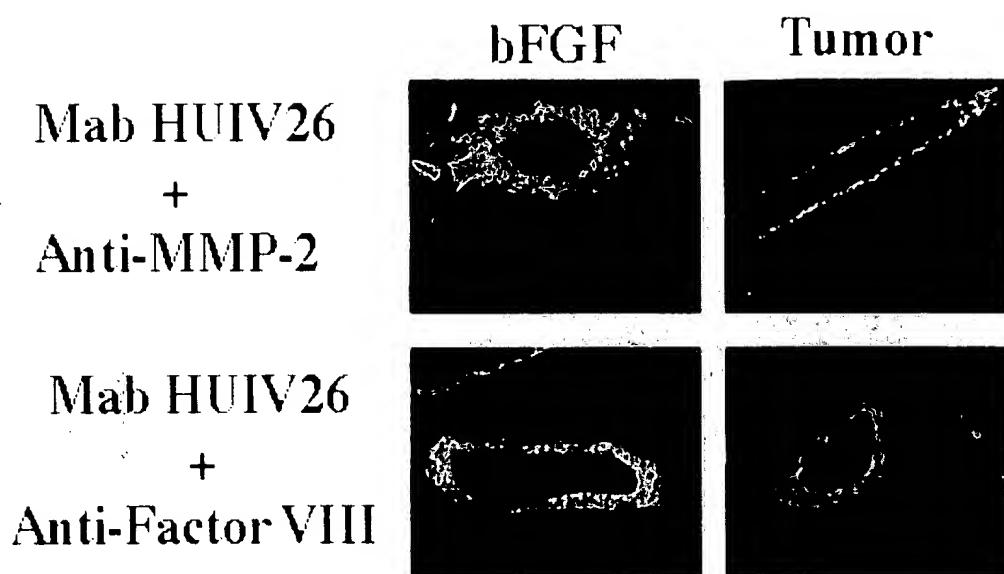
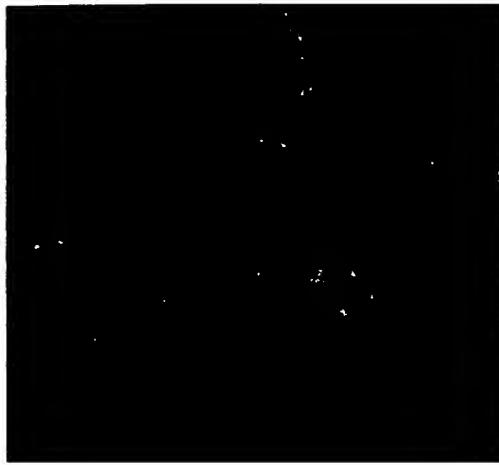


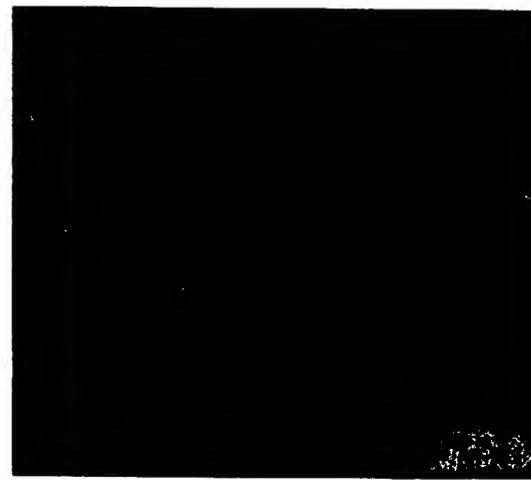
FIG. 12



**Anti-Factor VIII
(Polyclonal Ab)**



**Anti-Denatured Coll-IV
(Mab HUIV26)**



**Co-Staining of Human Melanoma Biopsy
(Anti-Factor VIII / Anti-Denatured Coll-IV)**

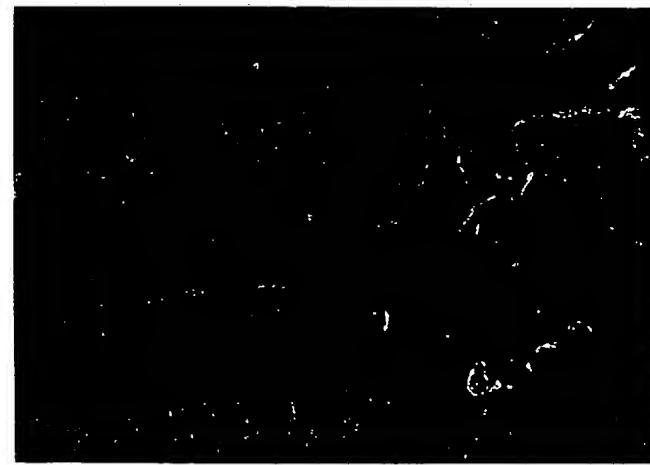


FIG. 13

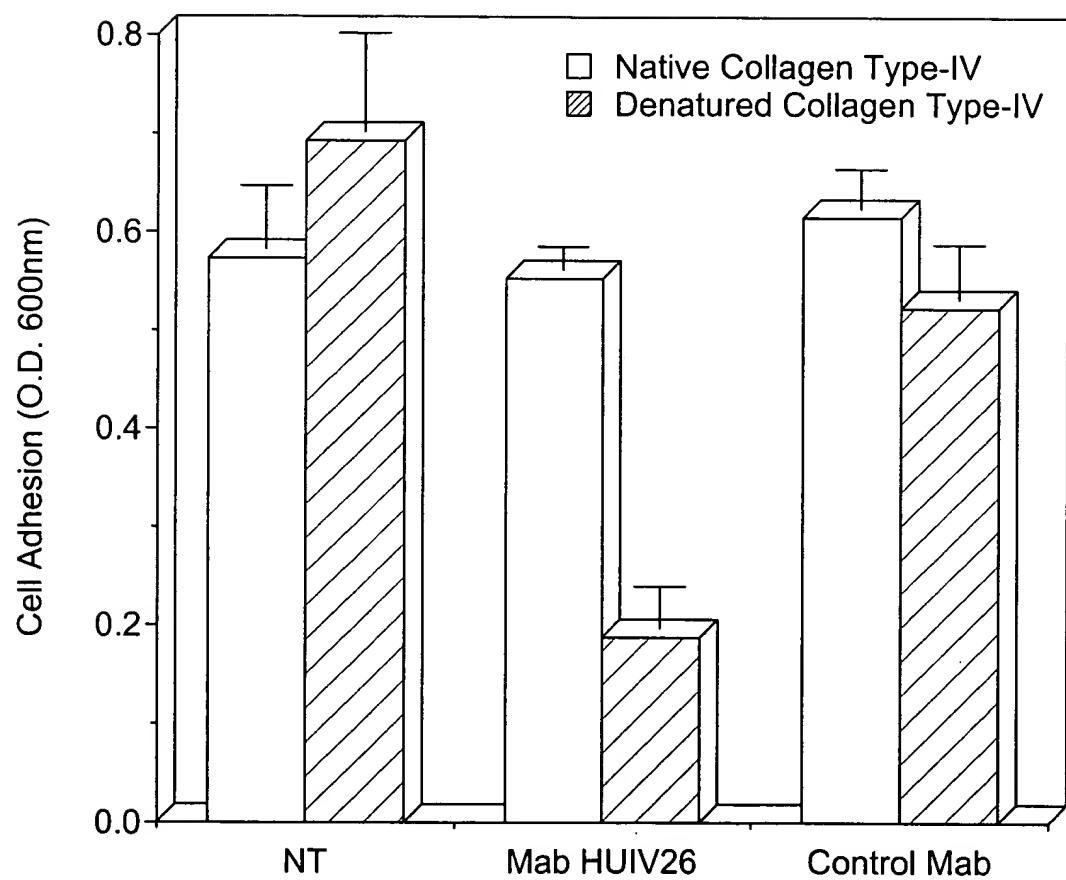


FIG. 14

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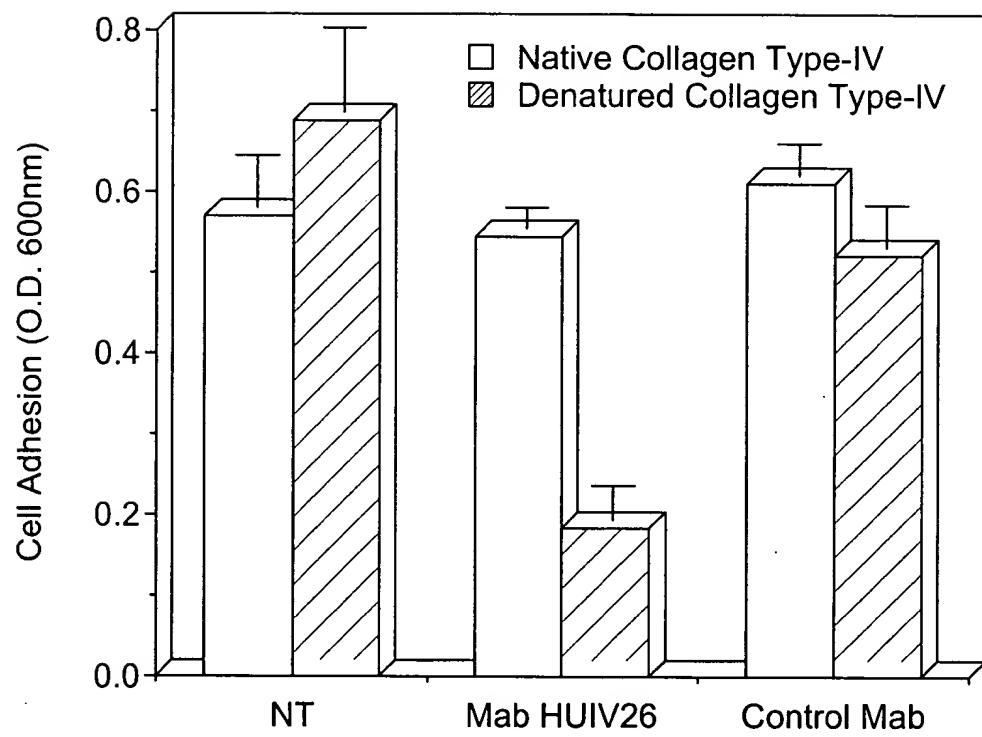
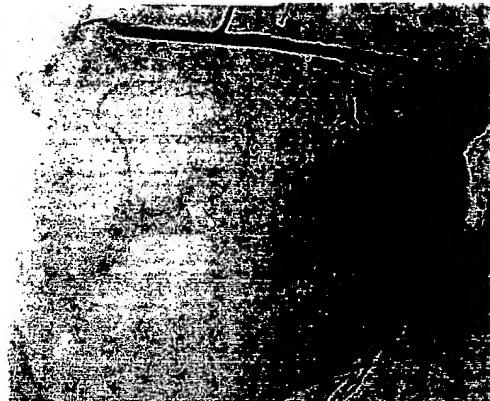


FIG. 15

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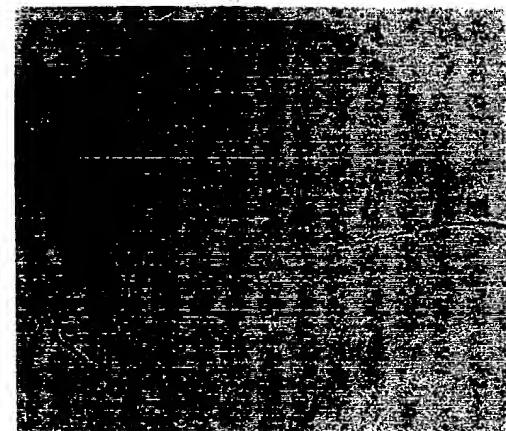
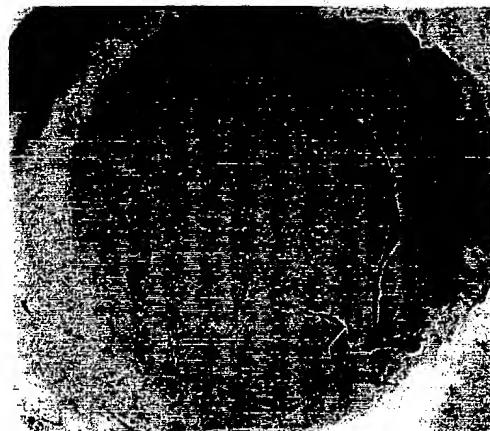
N0 bFGF



bFGF



**bFGF
+
HUIV26**



**bFGF
+
Control**



FIG. 16

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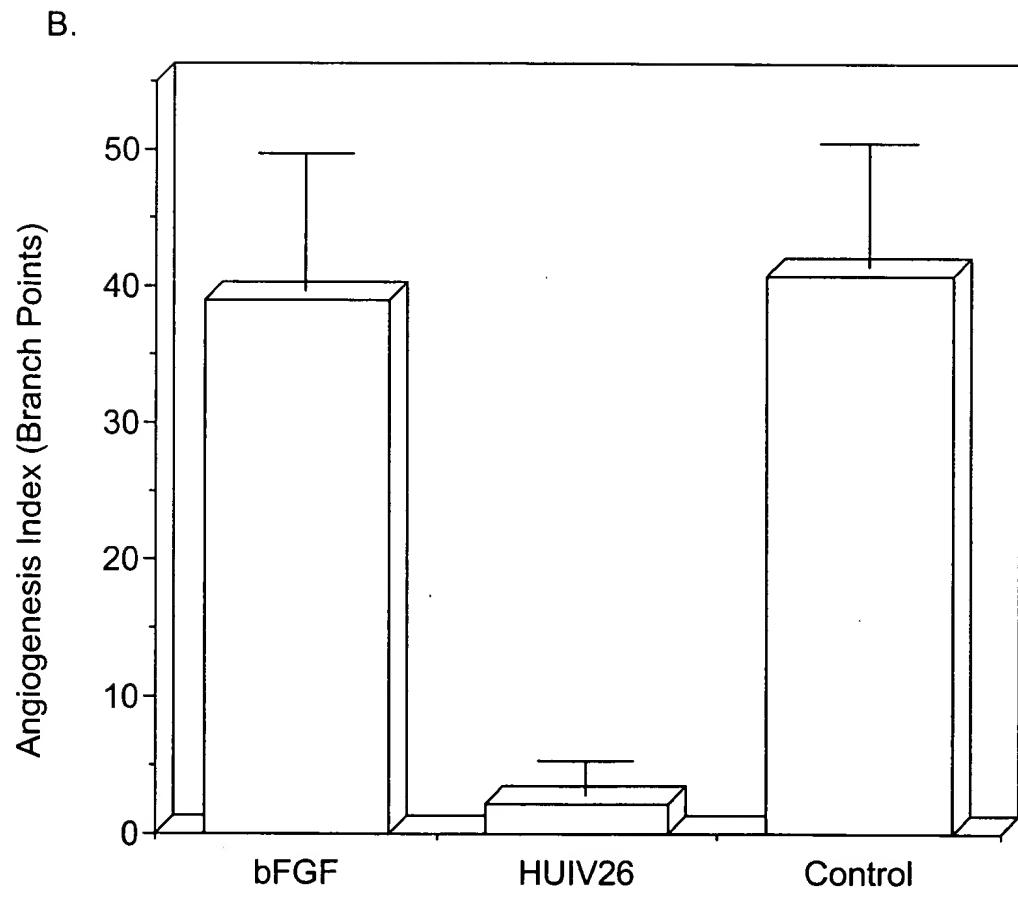
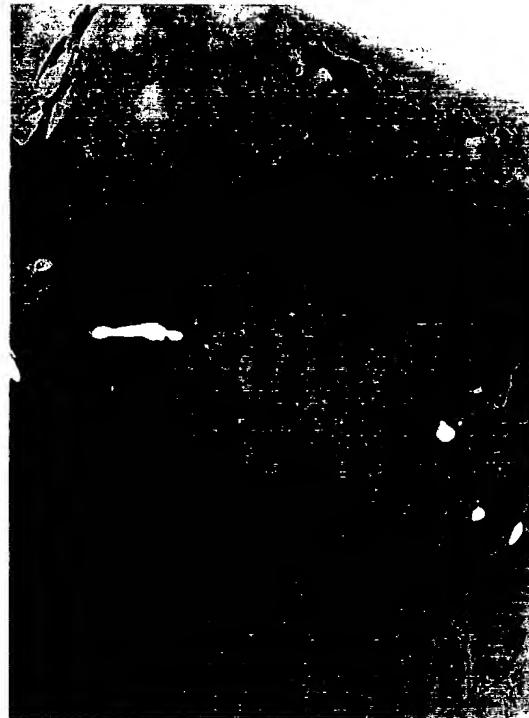


FIG. 17

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CS-1 Melanoma Tumor Growth In The Chick CAM



Control Mab



HUIV26 Mab

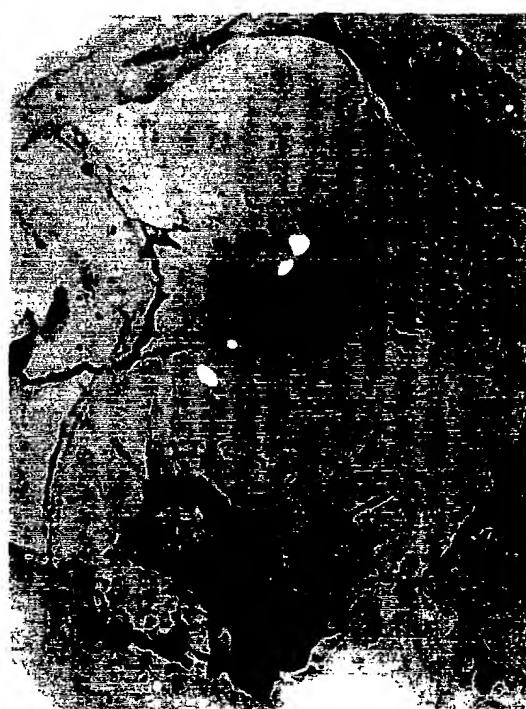


FIG. 18

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CS1 Melanoma Tumor Growth

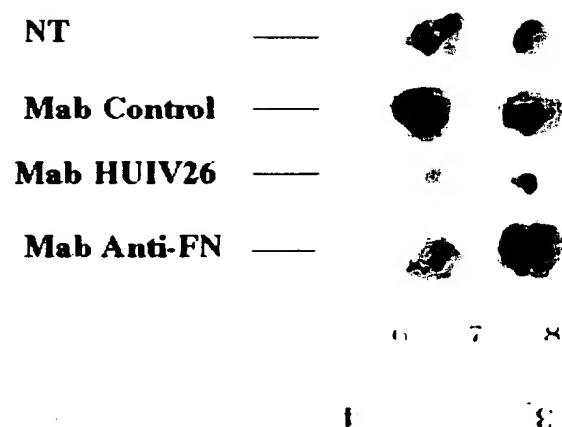


FIG. 19



B.

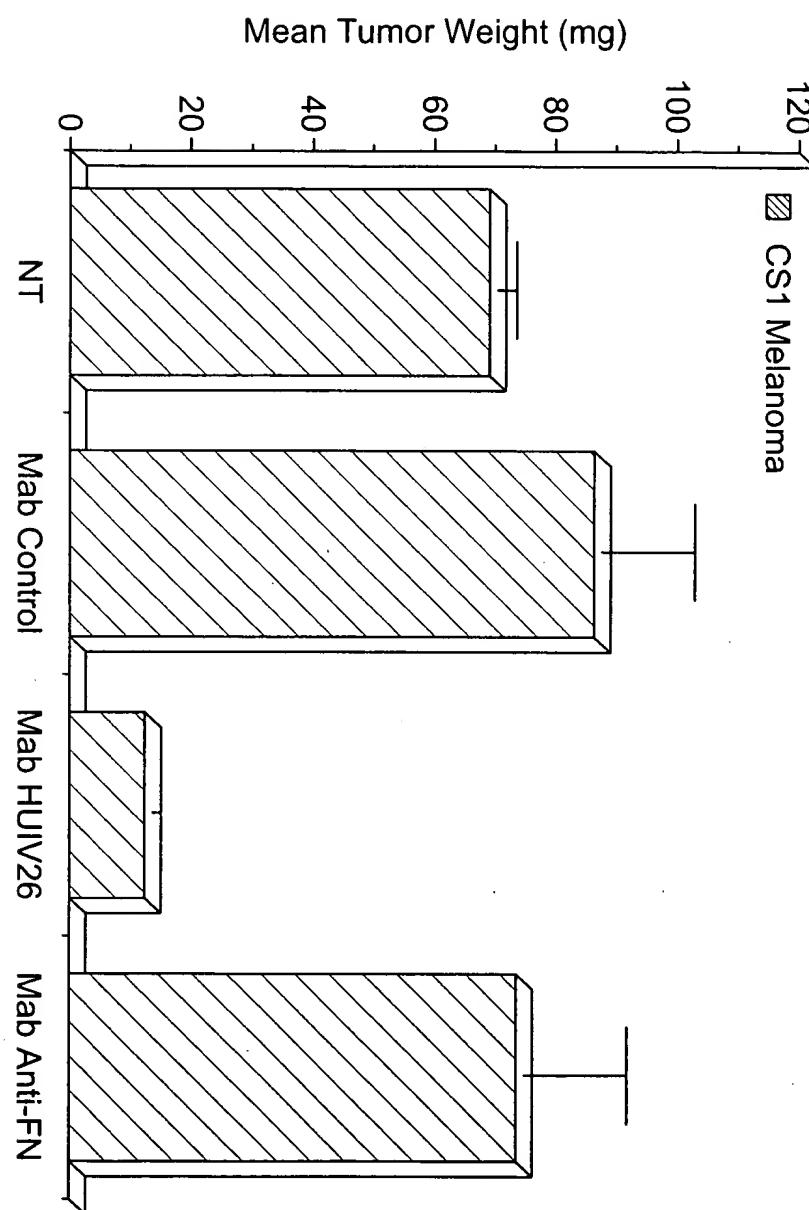


FIG. 20

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C.

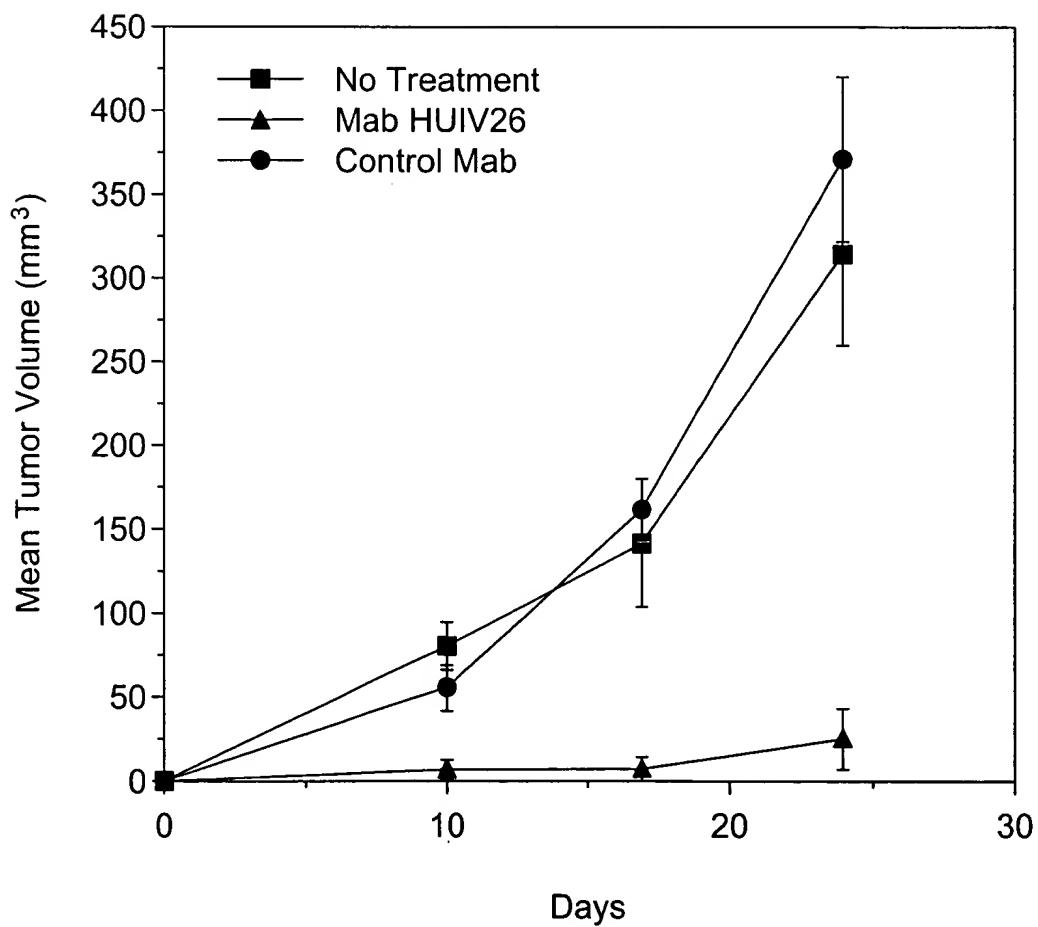


FIG. 21

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A.

Mab HUIV26 Reactivity (O.D. 490nm)

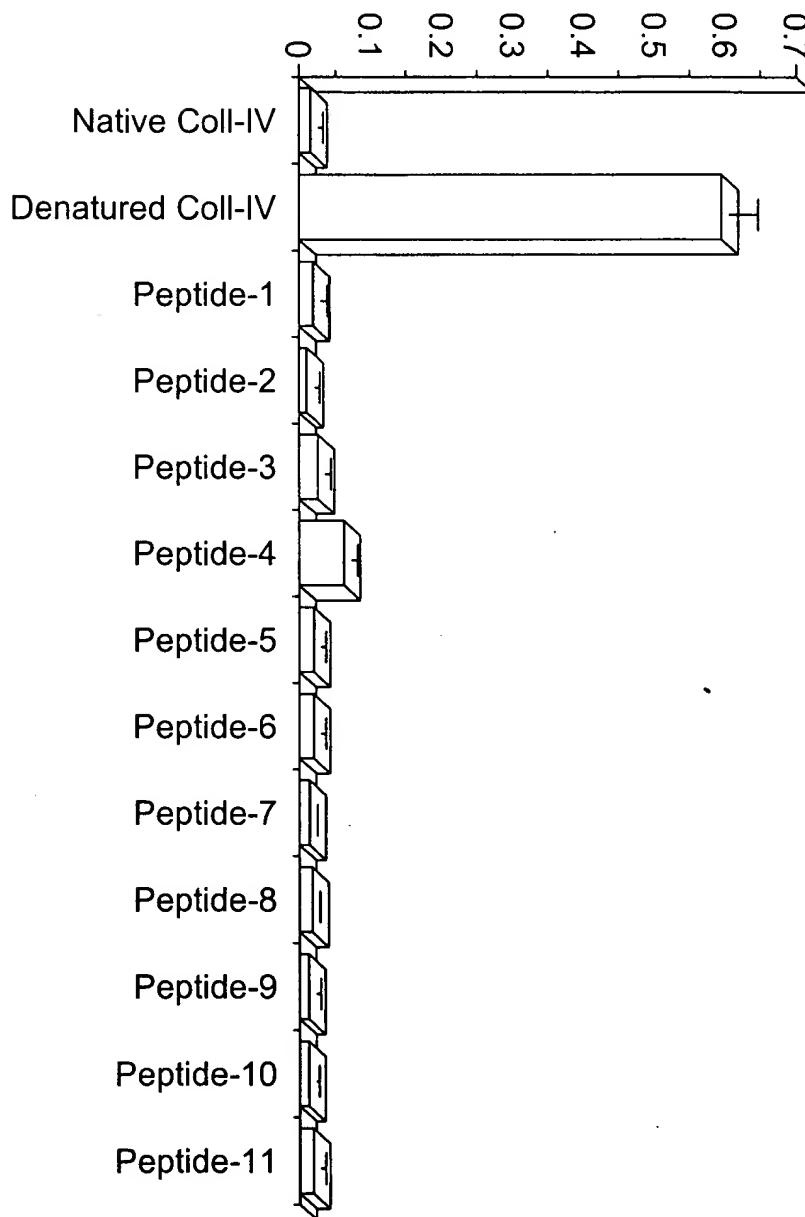


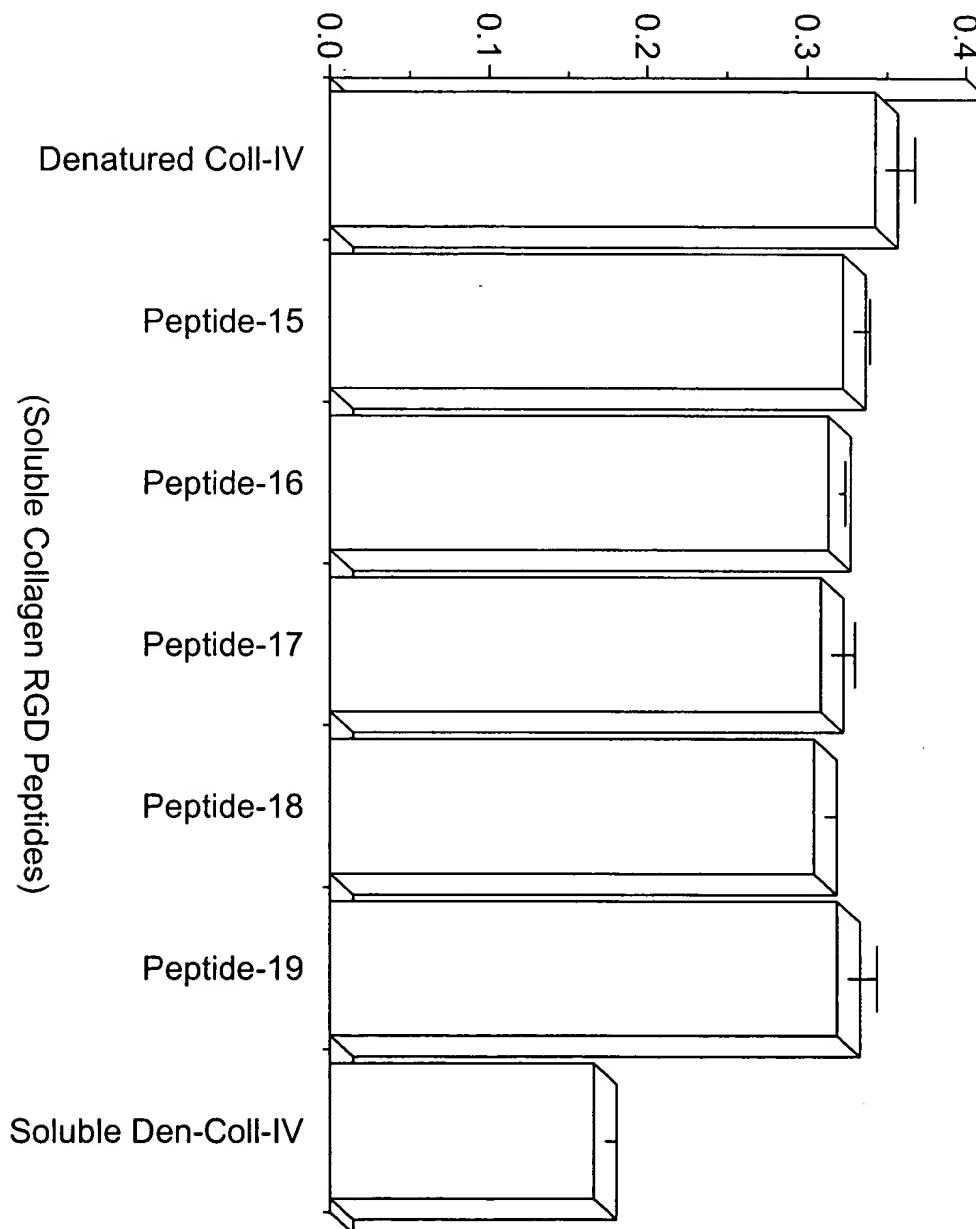
FIG. 22A

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B.

HUIV26 Reactivity (O.D. 490nm)



(Soluble Collagen RGD Peptides)

FIG. 22B



HUVEC Cord Formation

Native Collagen
Heat Denatured Collagen

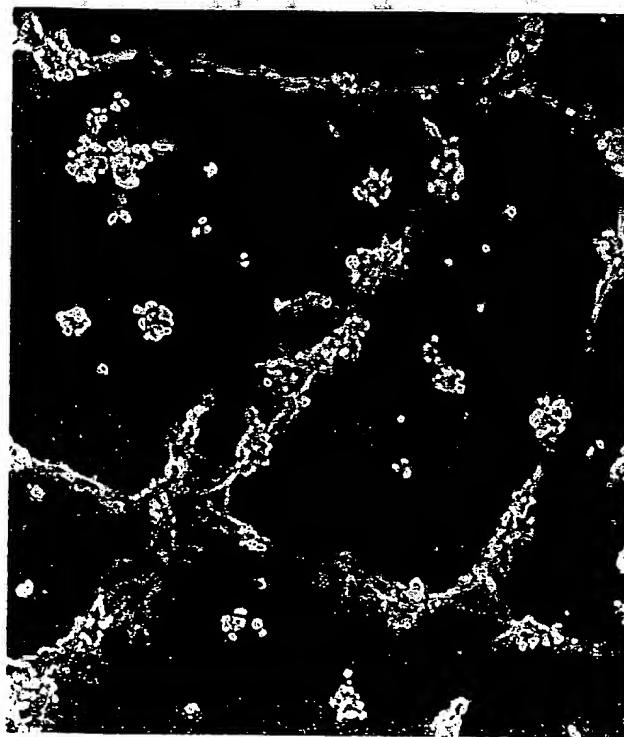
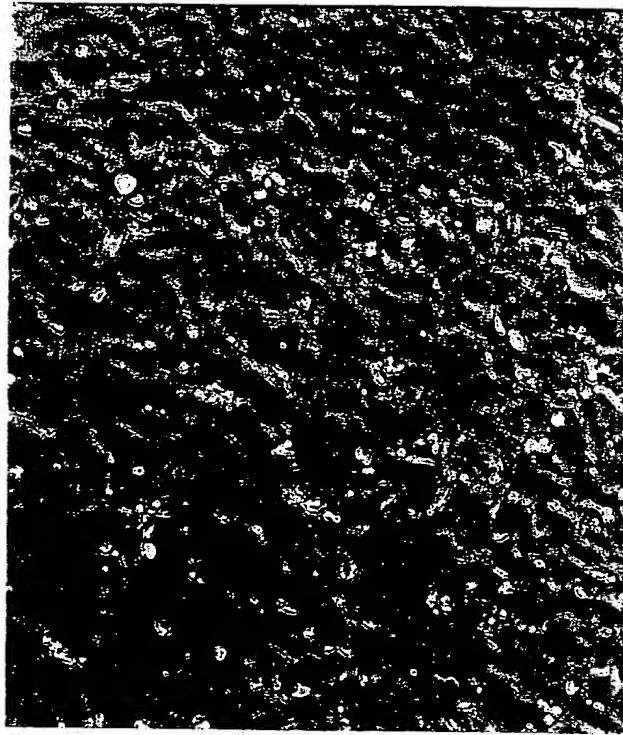


FIG. 23

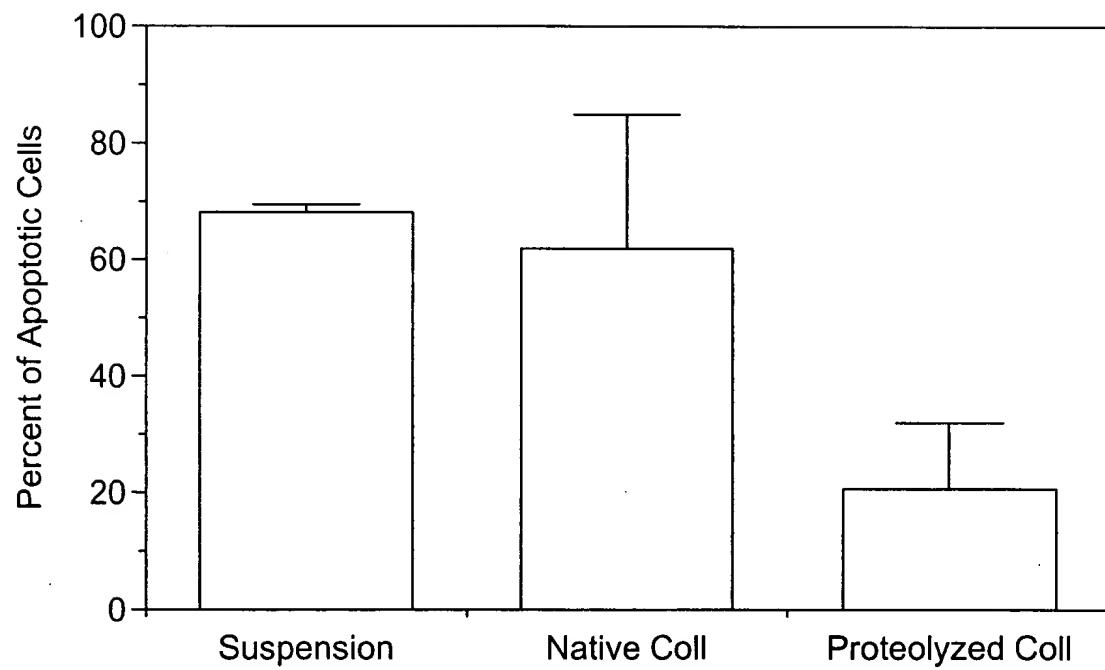
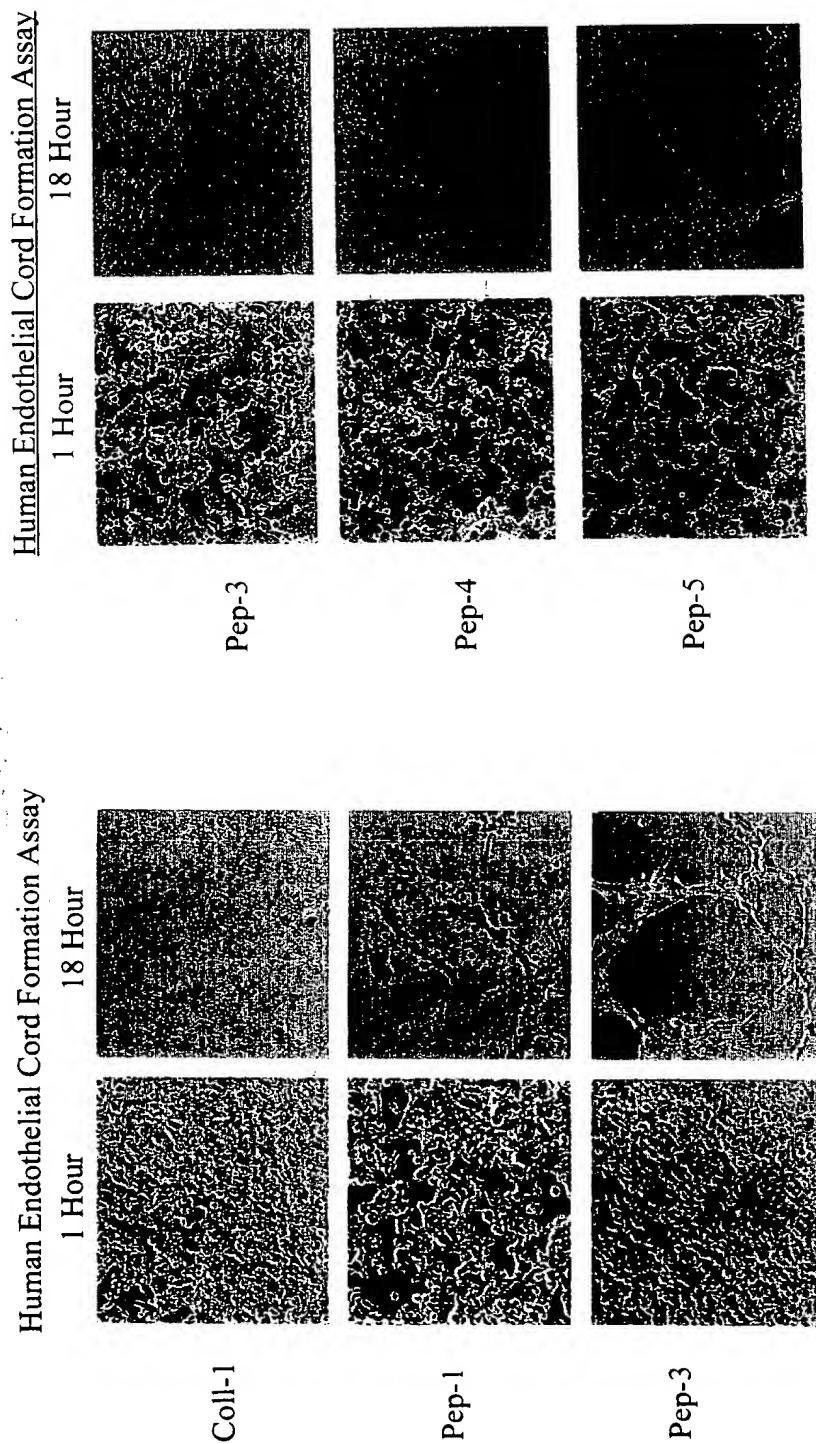


FIG. 24

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Effects of Cryptic Collagen Domains on Endothelial Cord Formation
Flexible millipore membranes were coated with either native collagen-I (Coll-I) or collagen
Peptides 1 through 5. Human endothelial cells were allowed to attach to the coated
membranes for either 1 or 18 hours. Representative photographs of cord formation.

FIG. 25

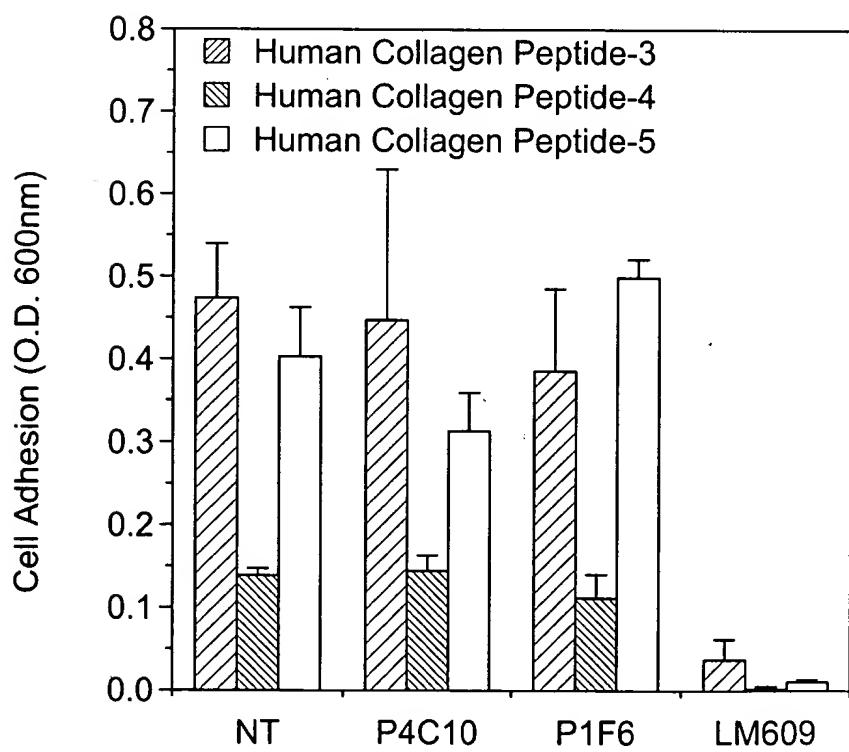
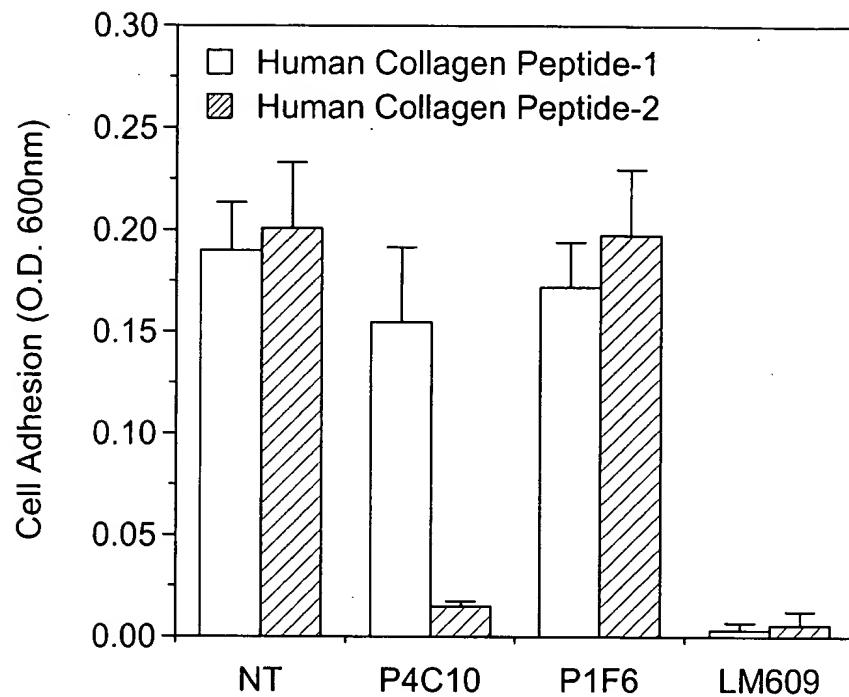
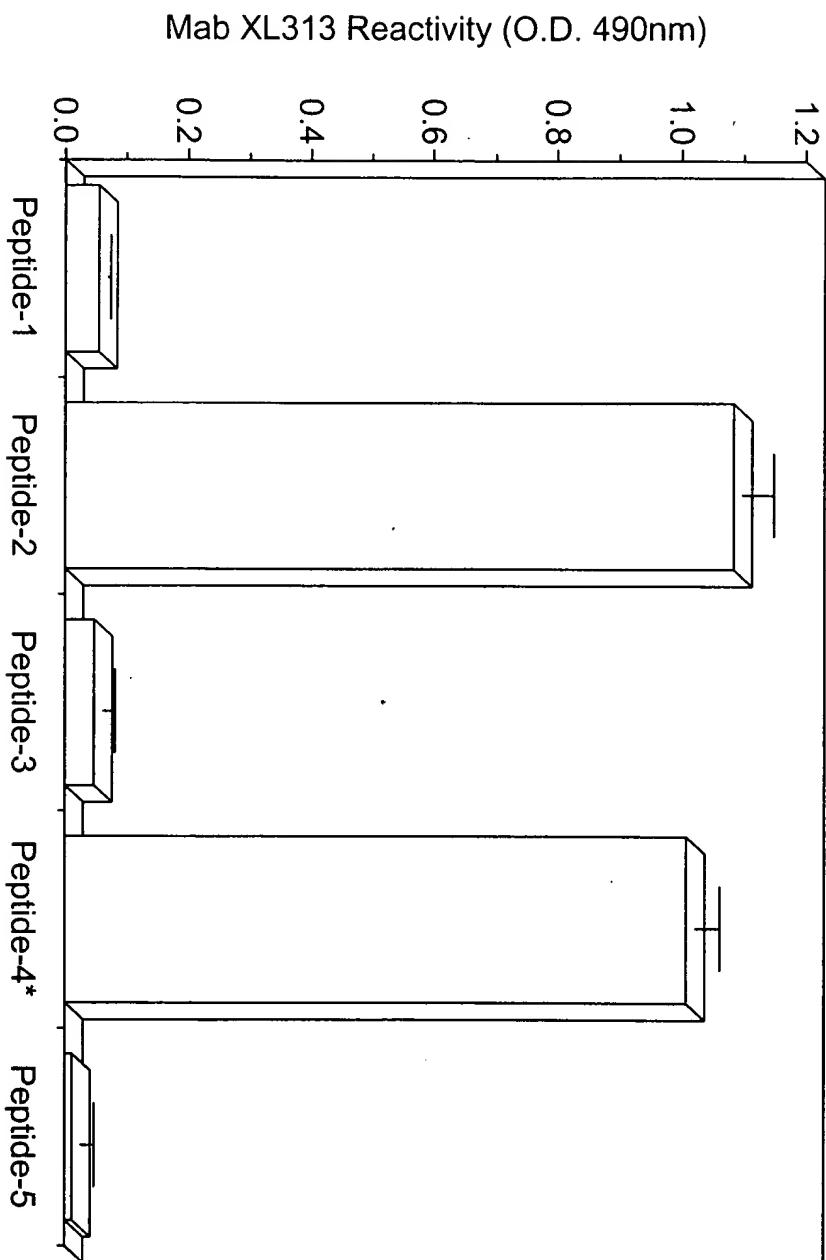


FIG. 26



Mab XL313 Reactivity to Human Collagen-I Peptides



* Peptide-4 not present in mature collagen-I

FIG. 27

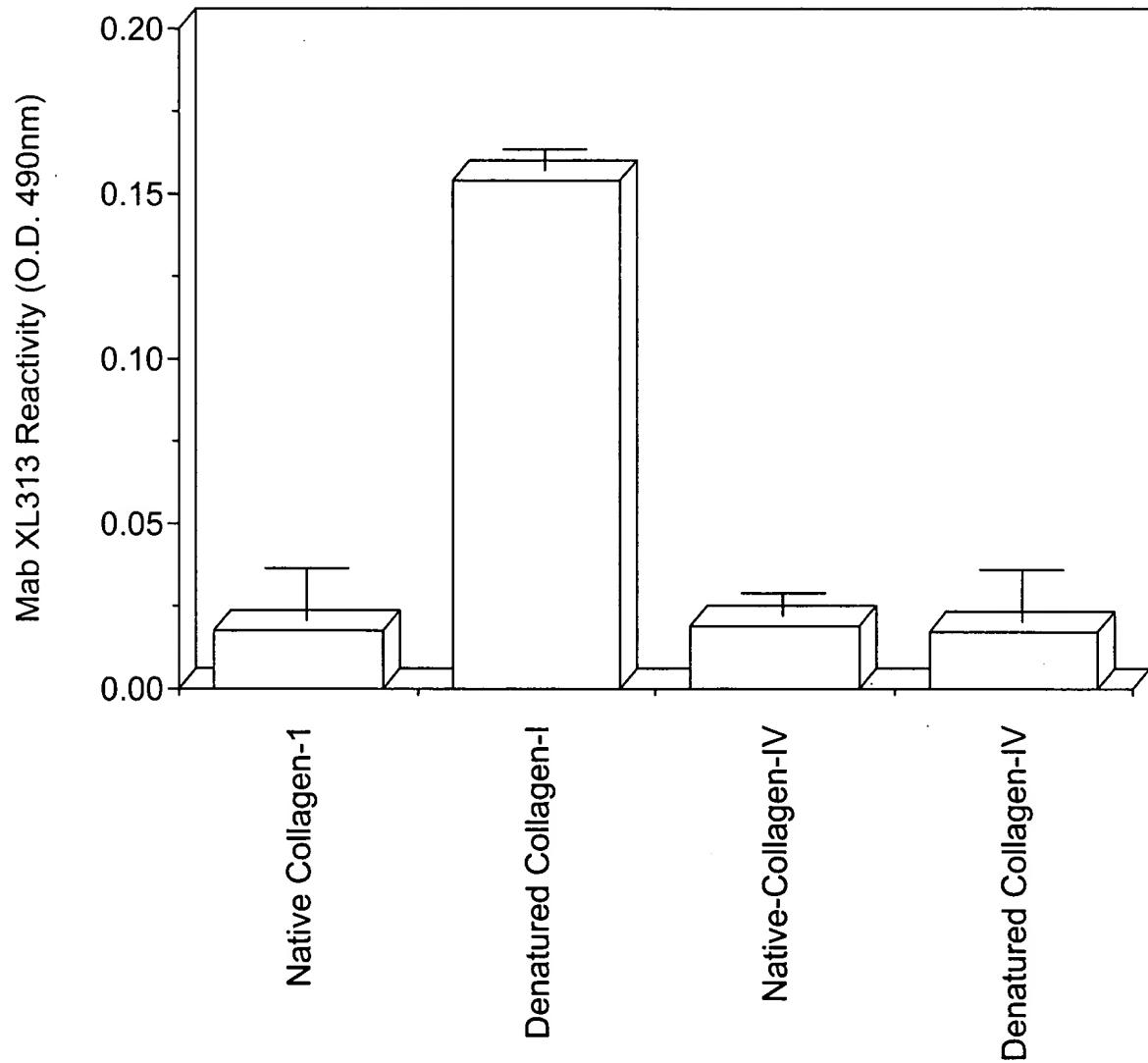


FIG. 28



bFGF Induced Angiogenesis in the Chick CAM

bFGF



bFGF + Mab XL313

bFGF + Mab Control

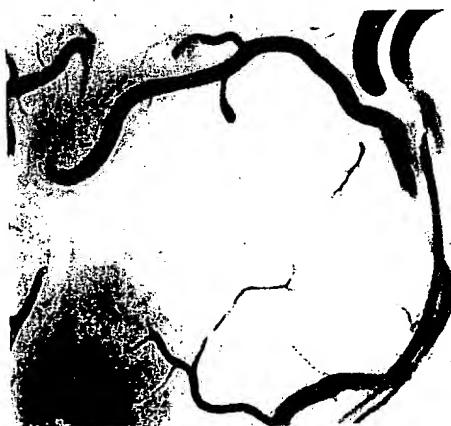


FIG. 29



Chick CAM Angiogenesis Assay

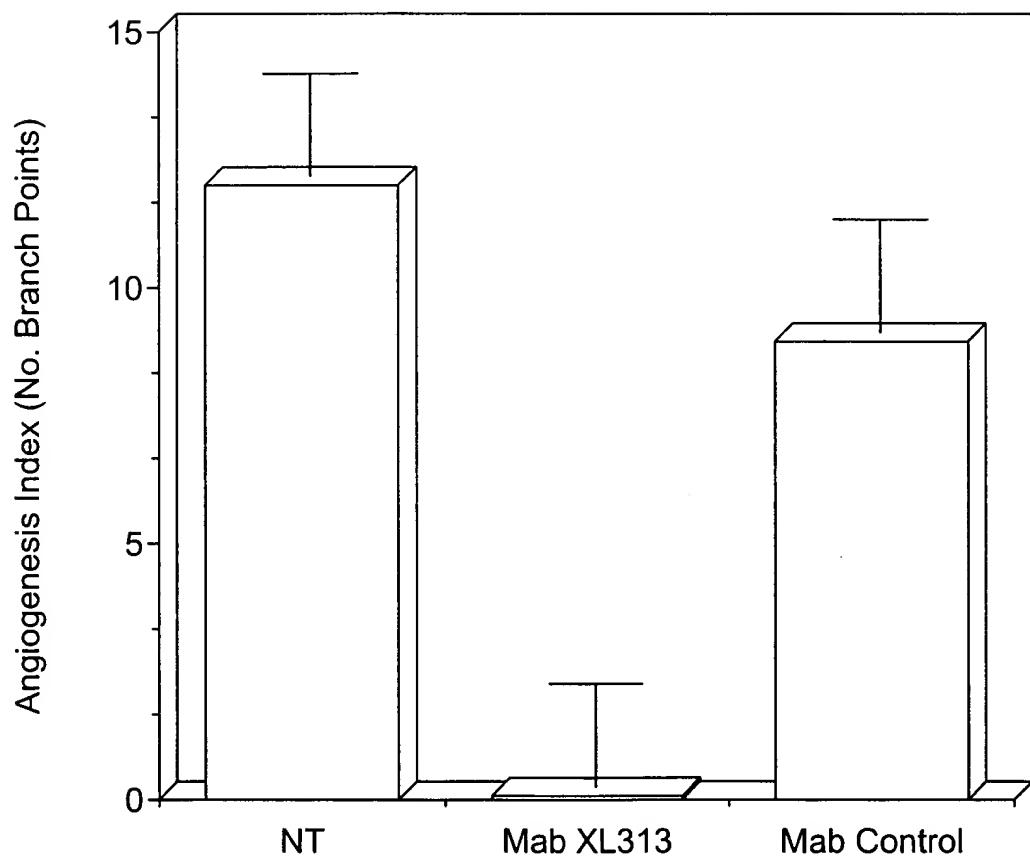


FIG. 30



HT1080 Human Fibrosarcoma Tumor Growth

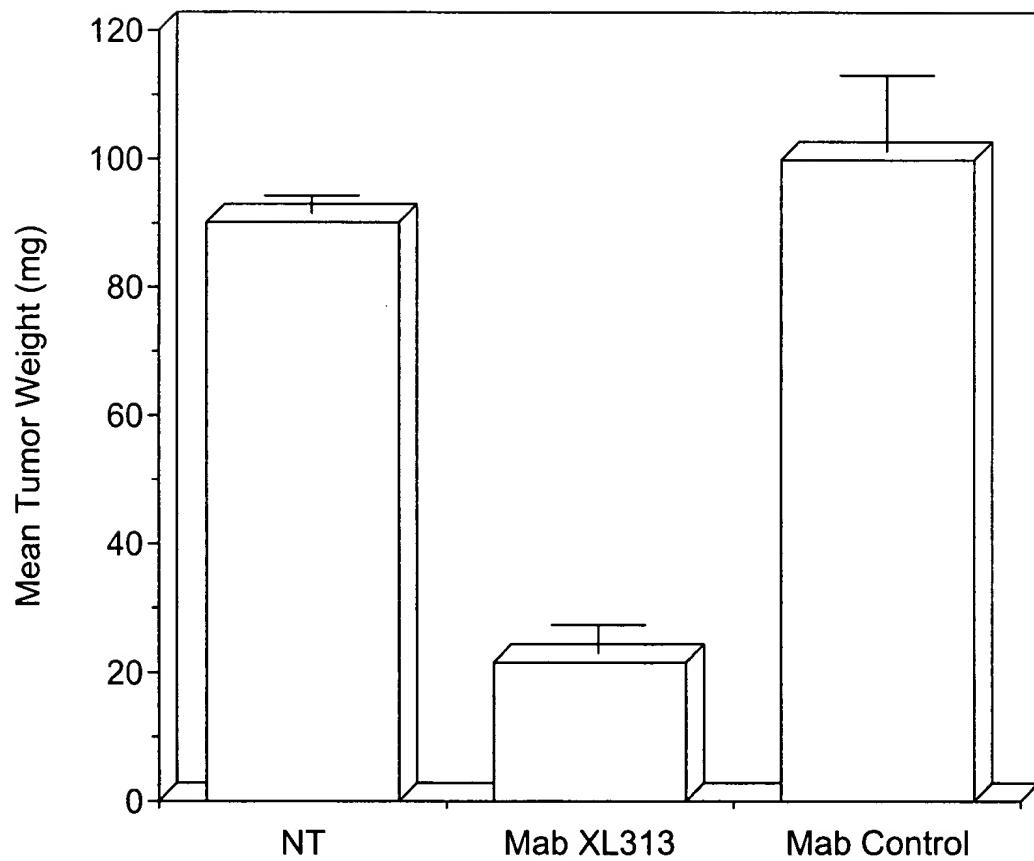


FIG. 31



B.

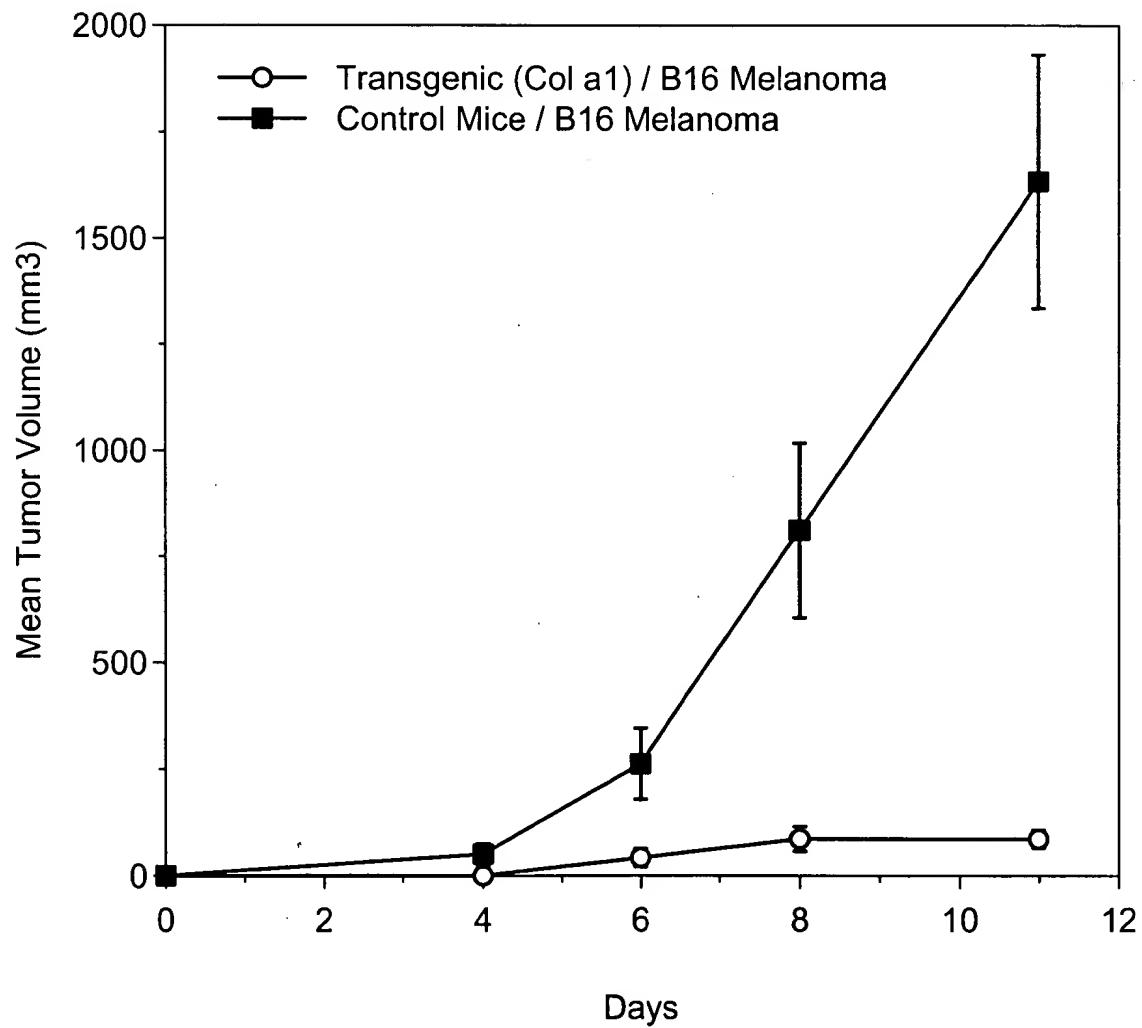
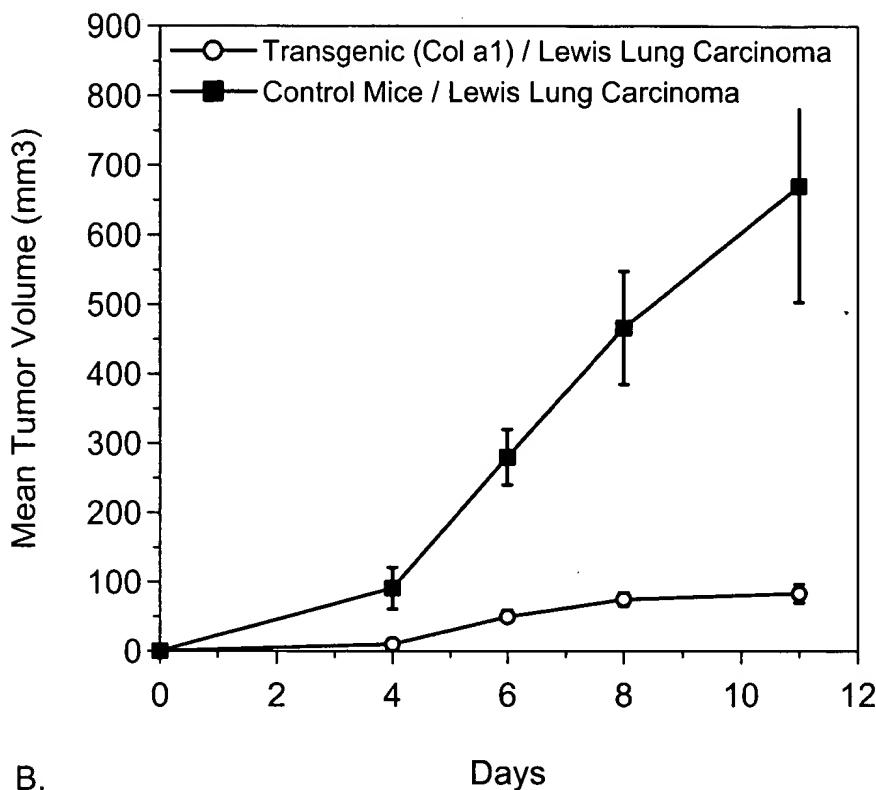


FIG. 32



A.



B.

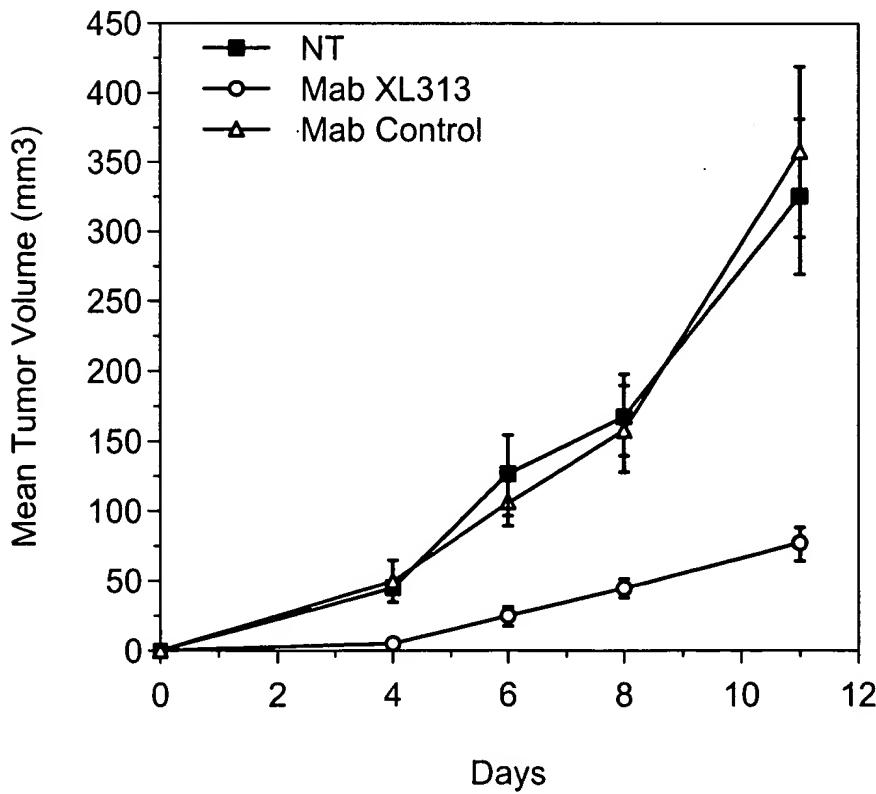


FIG. 33

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